| Inde | x of C | laims |  |
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|      |        |       |  |

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 10/753,082      | HOPPE, HOLGER |
| Examiner        | Art Unit      |
| Emily Y Chan    | 2829          |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
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| 0 | Objected |

|  |   |                                       | L            |  |          |  | J  |              | <b></b>  | L               |
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| Cla  | im  |                                       |              |  | - (      | Date   | <del></del>                                      |              |          |                 |
| Final  |   | 9/16/04                               | 2/19/05      |  |          |  |  |              |          |                 |
|  | 1   | 1                                     | 1            | $\vdash$   | $\vdash$ | <del> </del>                                     | $\vdash$   | $\vdash$     | $\vdash$ | Н               |
|  | 2   | 1                                     | 1            |  |          | _  |  | ┢            |          |                 |
|  | 3   | V                                     | 1            |  |          |  |  |              |          |                 |
|  | 4   | 1                                     | 7            |  |          |  |  |              |          |                 |
|  | 5   | 1                                     | 7            |  |          |  |  |              |          |                 |
|  | 6   | 1                                     | 1            | $oxed{oxed}$                                     |          |  | _  | L            |          | Ш               |
|  | 7   | \ \ /                                 | ٧.           | <u> </u>   |          | <u> </u>   | ļ  | <u> </u>     | ļ        | Ш               |
|  | 8   | V                                     | ×            | ┝  | _        | <del> </del>                                     | <u> </u>   |              | -        | $\vdash$        |
|  | 10  | 1                                     | 7            |  |          | ⊢  |  | ⊢            | _        | Н               |
|  | 11  | 1                                     | J            | -  | ┝        | $\vdash$   | ├  | ├            | -        | $\vdash$        |
|  | 12  | Ť                                     | Ť            | <del>                                     </del> | _        | $\vdash$   | <del> </del>                                     | <del> </del> | $\vdash$ | Н               |
|  | 13  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | ファファファファファファ |  | $\vdash$ | <del>                                     </del> | <del>                                     </del> | ऻ            | Т        | Н               |
|  | 14  | 1                                     | 1            |  |          |  | $\overline{}$                                    |              |          |                 |
|  | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26 |                                       |              |  |          |  |  |              |          |                 |
|  | 16  |                                       |              |  |          |  |  |              |          |                 |
|  | 17  | _                                     |              |  |          | L  | L  |              | L        |                 |
|  | 18  |                                       |              |  |          | L  | <u> </u>   | _            |          | Щ               |
|  | 19  | ļ                                     |              | ļ  |          | L  | _  |              | _        | Щ               |
|  | 20  | _                                     | _            | _  | _        | H  | <u> </u>   |              | H        | Н               |
|  | 21  | _                                     | _            | H  |          |  | _  | H            | _        | $\dashv$        |
|  | 22  |                                       |              | $\vdash$   |          | Н  |  | H            |          | $\vdash$        |
|  | 24  |                                       | _            |  | -        | Н  | $\vdash$   | -            |          | Н               |
|  | 25  |                                       |              | _  | _        |  | -  | Н            |          | $\vdash$        |
|  | 26  |                                       | _            |  |          | Г  |  | _            |          | T               |
|  | 27  |                                       |              |  |          |  |  |              |          |                 |
|  | 28  |                                       |              |  |          |  |  |              |          |                 |
|  | 29  |                                       |              |  |          | L  |  |              |          |                 |
|  | 30  |                                       |              |  |          |  |  |              |          |                 |
|  | 27<br>28<br>29<br>30<br>31<br>32<br>33  | <u> </u>                              |              | $\vdash$   | _        | $\vdash$   |  | _            |          |                 |
|  | 32  |                                       |              |  |          | $\vdash$   | _  | <u> </u>     |          | -               |
|  | 34  | $\vdash$                              |              | $\vdash$   | H        | $\vdash$   | _  | $\vdash$     | H        | Н               |
|  | 34<br>35<br>36  | $\vdash$                              |              |  |          |  | $\vdash$   | $\vdash$     | $\vdash$ | Н               |
|  | 36  |                                       |              |  |          |  |  |              |          |                 |
|  | 37  | П                                     |              |  |          |  |  | П            |          | П               |
|  | 38<br>39  |                                       |              |  |          |  |  |              |          |                 |
|  | 39  |                                       |              |  |          |  |  |              |          |                 |
|  | 40  | igsqcup                               |              | L_   |          |  | L  |              |          | Ш               |
|  | 41  | <u> </u>                              |              | Щ  |          |  | _  | _            |          | $\sqcup$        |
|  | 42  | -                                     | _            | <u> </u>   | _        | <b> </b>   | _  | <u> </u>     | _        | $\vdash \vdash$ |
| <del></del> -                                    | 43<br>44  | H                                     | _            | -  |          | -  | _  | <del> </del> | H        | $\vdash\vdash$  |
|  | 45  | $\vdash$                              |              |  | _        | $\vdash$   | -  | <del> </del> |          | $\vdash\dashv$  |
| <del>                                     </del> | 46  | $\vdash$                              |              | $\vdash$   | $\vdash$ | $\vdash$   |  | -            | $\vdash$ | $\vdash\vdash$  |
| <del>                                     </del> | 47  |                                       |              |  |          | <del>                                     </del> | -  | $\vdash$     | Н        | Н               |
|  | 48  |                                       |              | П  |          |  | Т  | Т            |          | H               |
|  | 49  |                                       |              |  | _        | Г  |  | Γ            | П        | П               |
|  | 50  | Г                                     |              | $\overline{}$                                    |          | $\vdash$   | $\Box$   | $\vdash$     |          |                 |

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|          | I  | _  |          |          |              |                    | Ī        | Γ           | Г        | Г        |
| - m      | Original   |  |          |          | İ            | l                  |          |             |          | l        |
| Final    | ij   |  |          |          | i            |                    |          |             |          |          |
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|          | 51   | _  | <u> </u> | _        |              | _                  | <u> </u> | L_          | <u> </u> | _        |
|          | 52<br>53   | _  | <u> </u> |          |              |                    |          | _           |          | _        |
|          | 53   | _  |          |          |              | _                  |          |             |          |          |
|          | 54   | _  | 匚        |          |              | _                  | L        | <u></u>     | L        |          |
|          | 55   |  |          |          |              |                    | L.       |             |          |          |
|          | 56   |  |          |          |              |                    |          |             |          |          |
|          | 57   |  |          |          |              |                    |          |             |          |          |
|          | 58   |  |          |          |              |                    |          |             |          |          |
|          | 58<br>59   | Г  | Г        | Г        |              | Г                  |          |             |          |          |
|          | 60   | Г  |          | $\Box$   |              |                    |          |             |          |          |
|          | 61   | Г  |          | Г        | Г            |                    | $\vdash$ |             | Г        |          |
|          | 61<br>62   |  |          |          | Г            | $\vdash$           | $\vdash$ |             |          |          |
|          | 63   | Т  |          | $\vdash$ | H            | $\vdash$           | $\vdash$ |             |          |          |
|          | 64   | $\vdash$                                     | $\vdash$ | $\vdash$ | H            | $\vdash$           | $\vdash$ | $\vdash$    | $\vdash$ |          |
| $\vdash$ | 64<br>65   | $\vdash$                                     |          | $\vdash$ | H            | $\vdash$           | $\vdash$ | $\vdash$    |          | ┢╌       |
| $\vdash$ | 66   |  | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$           | $\vdash$ | $\vdash$    | $\vdash$ | -        |
| $\vdash$ | 66<br>67   | $\vdash$                                     |          | $\vdash$ | $\vdash$     | $\vdash$           | $\vdash$ | $\vdash$    |          | H        |
|          | 68   | -  |          | -        | <del> </del> | ┝                  | ├—       |             | -        | <u> </u> |
| -        | 00   | H  | _        |          | H            | $\vdash$           | _        |             | $\vdash$ | -        |
| <u> </u> | 69<br>70   | H  |          | _        |              | ⊢                  | ┝        |             | H        | _        |
| <u> </u> | 70   |  |          | _        |              | ┡                  | _        |             |          | _        |
| _        | /1   | _  |          | _        | _            | <u> </u>           | <u> </u> |             |          |          |
|          | 72   | -  | _        | _        |              | L                  | _        |             |          |          |
|          | /3   | _  |          | _        | _            | H                  | _        | -           |          | _        |
|          | 71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 |  | _        | _        | _            | -                  | <u> </u> | _           |          |          |
|          | 75   |  |          | <u> </u> |              | <u> </u>           | <u> </u> | <u> </u>    | _        | _        |
|          | /6   | _  |          | <u> </u> |              | <u> </u>           | _        | <u> -</u> - | _        |          |
|          | 77   | _  | _        | _        | _            | _                  | _        |             |          |          |
|          | 78   | Ш  | _        |          |              |                    |          | _           |          |          |
|          | 79   | <u> </u>                                     | _        | _        | <u> </u>     | _                  | _        | _           |          |          |
|          | 80   | Ш  | Ь.       | <u> </u> |              | _                  | <u> </u> | <u> </u>    |          |          |
|          | 81   | _  |          | _        | _            |                    | _        | _           |          |          |
|          | 82   | <u> </u>                                     |          | _        |              | _                  | _        | _           |          |          |
|          | 83   | igspace                                      | Щ.       | <u> </u> | $\vdash$     | $\vdash$           | _        | <u> </u>    | Ш        |          |
|          | 84   |  | L.       | <u> </u> | L_           | L_                 |          | <u> </u>    | L_       |          |
|          | 85   | <u> </u>                                     | Ш.       | L        | L.,          | L                  | L_       | <u> </u>    |          |          |
|          | 86   | <u> </u>                                     |          | L        | L_           | <u> </u>           | L        | <u> </u>    | L        |          |
|          | 87   |  | L        |          | L_           | L_                 | <u> </u> | L_          |          |          |
| L        | 88   |  | <u> </u> | _        | <u> </u>     | <u> </u>           | <u>_</u> | <u>_</u>    |          | _        |
|          | 89   | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | <u> </u> | L            | L                  |          |             |          |          |
|          | 90   | $ldsymbol{f eta}$                            |          |          |              |                    |          |             |          |          |
|          | 91   | L_   |          |          | L            |                    | L_       |             |          |          |
|          | 92   | L  |          |          | _            | <u></u>            | _        |             |          | _        |
|          | 93   |  |          | <u> </u> |              | $oxedsymbol{oxed}$ |          |             |          |          |
|          | 94   |  |          |          |              |                    |          |             |          |          |
|          | 95   |  |          |          |              |                    |          |             |          |          |
|          | 96   |  |          | L        |              |                    |          | L           |          |          |
|          | 97   |  |          |          |              |                    |          |             |          |          |
|          | 98   |  |          |          |              |                    |          |             |          |          |
|          | 99   |  |          |          |              |                    |          | Ĺ           |          |          |
|          |  | _  | _        |          |              | _                  | _        | _           | _        |          |

| Cl   | aim  | Date         |              |              |          |          |              |          |          |                 |
|--|--|--------------|--------------|--------------|----------|----------|--------------|----------|----------|-----------------|
|  |  |              |              | Г            |          |          | Г            | Г        |          | П               |
| Final  | Original   |              |              |              |          |          |              |          |          |                 |
|  | 101<br>102   |              |              |              |          |          |              |          |          |                 |
|  | 102  |              |              | <u> </u>     | <u> </u> | _        | _            | _        | <u> </u> | Ш               |
| <u> </u>   | 103<br>104   | $oxed{oxed}$ | _            | <u> </u>     | _        | _        | ļ            |          | _        |                 |
| <u> </u>   | 104  | _            |              | _            | _        | <u>_</u> | _            |          | <u> </u> | Щ               |
|  | 105<br>106   |              |              | $oxed{oxed}$ |          | _        |              |          | <u> </u> | Ш               |
|  | 106  | $oxed{oxed}$ |              | 匚            | L        |          |              |          |          |                 |
| <u> </u>   | 107  |              | _            | $\vdash$     |          | _        |              |          | _        | -               |
|  | 108  |              |              | H            |          | <u> </u> | <u> </u>     |          | <u> </u> |                 |
| ļ  | 109  | $\vdash$     | _            |              |          | _        | _            |          | <u> </u> | Н               |
| <u> </u>   | 110<br>111   |              | _            |              |          | $\vdash$ | _            |          | -        | $\vdash$        |
| $\vdash$   | 111  | $\vdash$     | <u> </u>     | $\vdash$     | $\vdash$ | _        | $\vdash$     | _        | $\vdash$ | Н               |
| <u> </u>   | 112  | $\vdash$     | <u> </u>     | $\vdash$     | $\vdash$ | <u> </u> | $\vdash$     | <u> </u> | <u> </u> | $\vdash\vdash$  |
| <u> </u>   | 113<br>114<br>115  | $\vdash$     | <u> </u>     | $\vdash$     | -        | ⊢        | -            | <u> </u> | ⊢        | $\vdash$        |
| H  | 115  | $\vdash$     | _            | H            | Н        | $\vdash$ |              |          | $\vdash$ | Н               |
| <del>                                     </del> | 116  | $\vdash$     | _            | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | -        | $\vdash$ | $\vdash \vdash$ |
|  | 116<br>117   | $\vdash$     | H            |              | H        | $\vdash$ | $\vdash$     |          | $\vdash$ | Н               |
|  | 118  | $\vdash$     | <del> </del> | $\vdash$     | $\vdash$ | $\vdash$ | -            | —        | -        | $\vdash$        |
|  | 118<br>119   | H            |              |              | H        |          | H            |          |          |                 |
|  | 120  |              |              | H            |          |          |              |          |          |                 |
|  | 121  |              | $\vdash$     |              |          |          | $\vdash$     |          |          |                 |
|  | 122  |              | $\vdash$     |              |          |          |              | _        |          |                 |
|  | 123  |              |              |              |          |          |              |          |          |                 |
|  | 124  |              |              |              |          |          |              |          | $\Box$   |                 |
|  | 125  |              | -            |              |          |          |              |          |          |                 |
|  | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |              |              |              |          |          |              |          |          |                 |
|  | 127  |              |              |              |          |          |              |          |          |                 |
|  | 128  |              |              |              |          |          |              |          |          | Ш               |
|  | 129  |              |              |              |          |          |              |          |          |                 |
|  | 130  | _            | _            | $\Box$       | _        |          | _            | _        | _        |                 |
|  | 131  |              |              |              |          |          |              |          |          | Ш               |
|  | 132  |              |              |              |          |          | <u> </u>     | _        |          | _               |
| <b></b>  | 130<br>131<br>132<br>133<br>134                                    | $\vdash$     | $\vdash$     | $\vdash$     |          | _        |              |          | <u> </u> | $\vdash \vdash$ |
| <b></b>  | 134  | <u> </u>     | <b>—</b>     | <u> </u>     | <u> </u> | _        | -            | <u> </u> | <u> </u> | Н               |
| ļ  | 135  |              | -            | -            | -        | -        | <u> </u>     | <u> </u> | <u> </u> | Н               |
| <del> </del>                                     | 135<br>136<br>137  |              | -            | $\vdash$     | $\vdash$ | _        | $\vdash$     | _        | <u> </u> | Н               |
|  | 13/  |              | H            |              | $\vdash$ | _        | <u> </u>     | _        | <u> </u> | Н               |
| -  | 138<br>139   | $\vdash$     | <del> </del> | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | -        | <u> </u> | $\vdash\vdash$  |
|  | 140  |              |              |              |          | $\vdash$ | -            |          | $\vdash$ | $\vdash$        |
| <u> </u>   | 141  | H            | $\vdash$     |              | -        | <u> </u> | -            |          | $\vdash$ | $\vdash$        |
|  | 142  |              |              |              | -        | _        | <del> </del> |          | $\vdash$ | $\vdash \vdash$ |
|  | 143  | $\vdash$     | $\vdash$     |              |          | $\vdash$ | <u> </u>     | -        |          | H               |
| $\Box$   | 144  |              | <u> </u>     |              |          | Г        |              |          | Г        | Н               |
|  | 145  | Г            |              |              |          | Г        | $\vdash$     |          |          | $\Box$          |
|  | 146  |              |              |              |          | Т        |              | Г        |          | П               |
|  | 147  |              |              |              |          |          |              |          |          |                 |
|  | 148  |              |              |              |          |          |              |          |          |                 |
|  | 149  |              |              |              |          |          |              |          |          |                 |
|  | 150  |              |              | ·            | L        |          |              |          |          |                 |